

**SEMICONDUCTOR DEVICE**

**Publication number:** JP2003023144 (A)

**Publication date:** 2003-01-24

**Inventor(s):** KIMURA HAJIME

**Applicant(s):** SEMICONDUCTOR ENERGY LAB

**Classification:**

- **international:** *H01L27/146; H01L29/786; H04N5/335; H01L27/146; H01L29/66; H04N5/335;*  
(IPC1-7): H01L27/146; H01L29/786; H04N5/335

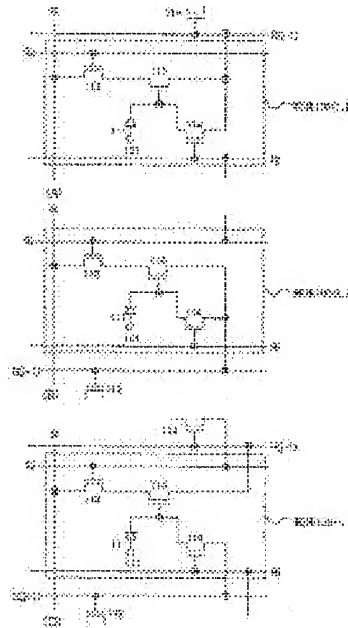
- **European:**

**Application number:** JP20010206998 20010706

**Priority number(s):** JP20010206998 20010706

**Abstract of JP 2003023144 (A)**

**PROBLEM TO BE SOLVED:** To provide a semiconductor device capable of realizing a high aperture ratio without increasing the number of masks and the number of steps by providing a pixel having a new configuration. **SOLUTION:** This semiconductor device has a pixel section provided with a plurality of pixels. Each pixel has conversion elements, transistors, gate signal lines and reset signal lines. A current is supplied to a plurality of photoelectric conversion elements by any one line of the gate signal lines or the reset signal lines.



Data supplied from the esp@cenet database — Worldwide